



City Of Las Vegas Department Of Field Operations

Infrastructure 2005: Year End Accomplishments

Roads:



- 1,270 — Miles of paved and gravel roads the city of Las Vegas currently maintains.
- 219,579 — Street miles swept during 2005.

Roadway Network:

The Pavement Management Section was created in 1987 to manage the service life of Las Vegas roadways. The Street Rehabilitation Section is responsible for the construction of infrastructure repairs.



- 119 — Number of centerline miles of roads receiving preventative maintenance treatments during 2005.
- 2005 Construction Program
 - Asphalt Reconstruction: 222,322 square yards
 - Pavement Surface Treatment: 2,352,194 square yards
 - Pavement Crack Seal: 520,220 pounds
 - Asphalt Overlay: 314,557 square yards
 - Concrete Drainage Repairs: 25,827 linear feet
- 2,769 — Number of centerline road miles that have received preventative maintenance applications since 1987.

Parks:



- 9 — Number of artificial turf soccer fields in use at city parks.
- 2 — Number of soccer fields now being converted to artificial turf.
- 61 — Number of city-maintained parks today.
- 1,570 — Landscape acres the city of Las Vegas maintains.
 - 980 park acres
 - 205 acres surrounding city facilities
 - 300 acres of medians/roadways
 - 85 acres belonging to the Clark County School District

Flood Control:



- 95 miles and 13 detention basins — Amount of regional flood control facilities city Streets and Sanitation Division crews maintain.
- 286 miles — Amount of local drainage facilities city crews maintain.
- 64,162 — Number of inlets and walk-through drains cleaned.
- 742 — Number of sewer main miles cleaned.
- 27,627 — Number of linear feet of curb and gutter drainage repairs.

City Facilities: New Facilities



171

6,329

135

- Amanda and Stacy Darling Memorial Tennis Center.
- Fire Station #8 with more than 20,000 sq. feet of space.
- Number of city owned or leased facilities, totaling over 2.5 million square feet of building space.
- Facilities maintenance service requests completed.
- Remodeling projects completed totaling over \$850,000.

Vehicle Fleet:



90 percent

- Percentage of vehicles and off-road equipment in the city fleet that operate on some type of federal and state of Nevada approved alternative fuel. A total of 1,122 vehicles and equipment operate on some type of alternative fuel.

Fuel Use:



- 131,982 gas gallon equivalents (GGE) of Compressed Natural Gas
- 215,757 gallons of Biodiesel (b20) Blend
- 603,444 gallons of Reformulated Gasoline (RFG)
- 106,532 gallons of Standard Type 2 diesel fuel

Awards, Recognition:

The new .62-acre Centennial Plaza on Fourth Street near Lewis Avenue opened May 28. This former parking lot is now a downtown gathering place. City crews constructed the plaza in three months, at a cost of \$145,000.

The city's first trail project was completed in July. City crews installed desert landscaping and decorative rock along the one-half mile section of Rio Vista Street between Ann Road and Tropical Parkway.

In August, city crews transformed a 1,000-foot segment along Bradley Road and Horse Drive from a vacant lot to a landscaped recreational trail.

Also in August, the Eileen Conners Elementary School pedestrian bridge was constructed, creating a shorter, safer route to school for nearby students. The school is located south of Alexander Road and east of the 215 Beltway on Shadow Peak Drive. Crews constructed the 38-foot-long and 6-foot-wide bridge in time for the start of the school year.

Crews completed significant modifications and upgrades to the Darling Tennis Center complex. These projects were done in preparation for the first annual Tennis Channel Open tennis tournament. Work included court modifications, landscaping and fencing improvements, parking lot development and construction of facility pads. The cumulative value of the improvements was more than \$500,000.

The city of Las Vegas received over \$76,000 in rebates from the Southern Nevada Water Authority for turf conversions at several parks and landscaping at city facilities.

City crews completed a \$264,000 renovation for the Las Vegas Metropolitan Police Department Transportation Safety Bureau. The new bureau, located at 2300 East St. Louis Avenue, opened August 8.

For the thirteenth year, the National Arbor Day Foundation recognized the city of Las Vegas as a Tree City USA.